| Ref | Hits | Search Query | DBs | Default | Plurals | Time Stamp |
|-----|------|--|---|----------|---------|------------------|
| # | | | | Operator | | Time Gamp |
| S1 | 9 | ((156/345.43,345.48).CCLS.) and chamber and support and RF and C\$1F\$1 and S\$1F\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/21 18:07 |
| S2 | 676 | (156/345.43,345.48).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/21 18:26 |
| S3 | 0 | ((156/345.43,345.48).CCLS.) and (carbon adj flouride) and (sulfur adj fluoride) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/21 18:11 |
| S4 | 3 | US-4578559-\$.DID. OR US-5053104-\$.DID. OR US-6287981-\$.DID. OR US-629080B1-\$.DID. OR US-629179B1-\$.DID. | USPAT | OR | ON | 2004/06/28 14:16 |
| S5 | 4 | (("6290806") or ("6291793")).PN. | US-PGPUB; USPAT; | OR | OFF | 2004/06/28 14:17 |
| | 2. | ************************************** | USOCR; EPO; JPO; DERWENT; IBM_TDB | | | |
| S6 | 923 | ((s adj f) or SF or (sulfur adj fluor\$4)) and (fluorocarbon hydrofluorocarbon C4F6 C5F8 C4F8 CF2H2 CH2F2 "C.sub.4 F.sub.6" "C. sub.5 F.sub.8" "C.sub.4 F.sub.8" "CF.sub.2 H.sub.2" "CH.sub.2 F.sub. 2") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/21 18:14 |
| S7 | 160 | (((s adj f) or SF or (sulfur adj fluor\$4)) and (fluorocarbon hydrofluorocarbon C4F6 C5F8 C4F8 CF2H2 CH2F2 "C.sub.4 F.sub.6" "C. sub.5 F.sub.8" "C.sub.4 F.sub.8" "CF.sub.2 H.sub.2" "CH.sub.2 F.sub. 2")) and etch\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/21 18:12 |
| S8 | 46 | ((((s adj f) or SF or (sulfur adj fluor\$4)) and (fluorocarbon hydrofluorocarbon C4F6 C5F8 C4F8 CF2H2 CH2F2 "C.sub.4 F.sub.6" "C. sub.5 F.sub.8" "C.sub.4 F.sub.8" "CF.sub.2 H.sub.2" "CH.sub.2 F.sub. 2")) and etch\$3) and (quartz or SiO) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/21 18:12 |

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| S9 | 2 | ("4786352").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/28 17:12 |
| S10 | - 10 | ((156/345.43,345.48).CCLS.) and chamber and support and RF and C\$1F\$1 and S\$1F\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/21 18:07 |
| S11 | 0 | ((156/345.43,345.48).CCLS.) and (carbon adj flouride) and (sulfur adj fluoride) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/21 18:11 |
| S12 | 172 | (((s adj f) or SF or (sulfur adj fluor\$4)) and (fluorocarbon hydrofluorocarbon C4F6 C5F8 C4F8 CF2H2 CH2F2 "C.sub.4 F.sub.6" "C. sub.5 F.sub.8" "C.sub.4 F.sub.8" "CF.sub.2 H.sub.2" "CH.sub.2 F.sub.2")) and etch\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/21 18:12 |
| S13 | 52 | ((((s adj f) or SF or (sulfur adj fluor\$4)) and (fluorocarbon hydrofluorocarbon C4F6 C5F8 C4F8 CF2H2 CH2F2 "C.sub.4 F.sub.6" "C. sub.5 F.sub.8" "C.sub.4 F.sub.8" "CF.sub.2 H.sub.2" "CH.sub.2 F.sub.2")) and etch\$3) and (quartz or SiO) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/21 18:13 |
| S14 | 1022 | ((s adj f) or SF or (sulfur adj fluor\$4)) and (fluorocarbon hydrofluorocarbon C4F6 C5F8 C4F8 CF2H2 CH2F2 "C.sub.4 F.sub.6"."C. sub.5 F.sub.8" "C.sub.4 F.sub.8" "CF.sub.2 H.sub.2" "CH.sub.2 F.sub. 2") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/21 18:16 |
| S15 | 101 | (S10 or S12 or S13 or S14) and @pd>="20040628" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 15:20 |
| S16 | 742 | (156/345.43,345.48).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/21 18:26 |

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| S17 | 66 | (S16) and @pd>="20040628" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 15:19 |
| S18 | 1 | (S10) and @pd>="20040628" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/21 18:31 |
| S19 _. | 8 | ("20020132488" "4578559" "5053104" "5843847" "6287981" "6290806" "6291793" "6436812").PN. OR ("6737358"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/21 18:36 |
| S20 | 1 | "5843847".PN. | USPAT; USOCR | OR | ON | 2005/01/21 19:15 |
| S21 | . 1 | "6436812".PN. | USPAT; USOCR | OR | ON | 2005/01/21 19:16 |
| S22 | 1 | "20020132488".PN. | US-PGPUB | OR | ∗ON | 2005/01/21 19:18 |
| S23 | 804 | (156/345.43,345.48).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/01 15:19 |
| S24 | 61 | (S23) and @pd>="20050121" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/01 14:52 |
| S25 | 12 | ((156/345.43,345.48).CCLS.) and chamber and support and RF and C\$1F\$1 and S\$1F\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 15:20 |
| S26 | 192 | (((s adj f) or SF or (sulfur adj fluor\$4)) and (fluorocarbon hydrofluorocarbon C4F6 C5F8 C4F8 CF2H2 CH2F2 "C.sub.4 F.sub.6" "C: sub.5 F.sub.8" "C.sub.4 F.sub.8" "CF.sub.2 H.sub.2" "CH.sub.2 F.sub.2")) and etch\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 15:20 |

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| S27 | 62 | ((((s adj f) or SF or (sulfur adj fluor\$4)) and (fluorocarbon hydrofluorocarbon C4F6 C5F8 C4F8 CF2H2 CH2F2 "C.sub.4 F.sub.6" "C.sub.5 F.sub.8" "C.sub.4 F.sub.8" "CF.sub.2 H.sub.2" "CH.sub.2 F.sub.2")) and etch\$3) and (quartz or SiO) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 15:20 |
| S28 | 1147 | ((s adj f) or SF or (sulfur adj fluor\$4)) and (fluorocarbon hydrofluorocarbon C4F6 C5F8 C4F8 CF2H2 CH2F2 "C.sub.4 F.sub.6" "C. sub.5 F.sub.8" "C.sub.4 F.sub.8" "CF.sub.2 H.sub.2" "CH.sub.2 F.sub. 2") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 15:20 |
| S29 | 127 | (S25 or S26 or S27 or S28) and @pd>="20050121" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 15:20 |
| S30 | 1361100 | (H01L02\$).ipc. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON William | 2005/09/01 15:43 |
| S31 | 951198 | (H01L021\$).ipc. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/09/01 15:43 |
| S32 | 868663 | (H01L021\$).ipc. | EPO; JPO; DERWENT; IBM_TDB_ | ADJ | ON | 2005/09/01 15:44 |
| S33 | 230 | S32 and (plasma) and (mix\$ or combin\$6) and etch\$ and (quartz or SiO2) | EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/09/06 15:00 |
| S34 | 4 | (("4874723") or ("4764245")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/06 15:53 |
| S35 | 72911 | ((quartz or SiO\$1) with (wafer or substrate)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/09/06 16:02 |

| S36 | 16575 | S35 same etch\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/09/06 15:55 |
|-----|-------|---|---|-----|-----|------------------|
| S37 | 1147 | ((s adj f) or SF or (sulfur adj fluor\$4)) and (fluorocarbon hydrofluorocarbon C4F6 C5F8 C4F8 CF2H2 CH2F2 "C.sub.4 F.sub.6" "C. sub.5 F.sub.8" "C.sub.4 F.sub.8" "CF.sub.2 H.sub.2" "CH.sub.2 F.sub. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/06 15:55 |
| | | 2") | | | | |
| S38 | 15 | S37 and S36 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/09/06 16:03 |
| S39 | 15772 | ((quartz or SiO\$1) near (wafer or substrate)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/09/06 16:02 |
| S40 | 19 | S37 and S39 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/09/06 16:03 |
| S41 | 863 | (156/345.43,345.48).CCLS. | US-PGPUB; | OR | OFF | 2006/05/01 14:52 |
| | | | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | | | |
| 542 | 60 | (S41) and @pd>="20050901" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/01 14:55 |
| S43 | 18 | (S41) and @pd>="20050901" and (@ad<="20020213" or @rlad<="20020213") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/01 15:49 |

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| S44 | 12 | ((156/345.43,345.48).CCLS.) and chamber and support and RF and C\$1F\$1 and S\$1F\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/01 15:25 |
| S45 | . 212 | (((s adj f) or SF or (sulfur adj fluor\$4)) and (fluorocarbon hydrofluorocarbon C4F6 C5F8 C4F8 CF2H2 CH2F2 "C.sub.4 F.sub.6" "C. sub.5 F.sub.8" "C.sub.4 F.sub.8" "CF.sub.2 H.sub.2" "CH.sub.2 F.sub. 2")) and etch\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/01 15:25 |
| S46 | 65 | ((((s adj f) or SF or (sulfur adj fluor\$4)) and (fluorocarbon hydrofluorocarbon C4F6 C5F8 C4F8 CF2H2 CH2F2 "C.sub.4 F.sub.6" "C.sub.5 F.sub.8" "CF.sub.4 F.sub.8" "CF.sub.2 H.sub.2" "CH.sub.2 F.sub.2")) and etch\$3) and (quartz or SiO) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/01 15:25 |
| S47 | 1241 | ((s adj f) or SF or (sulfur adj fluor\$4)) and (fluorocarbon hydrofluorocarbon C4F6 C5F8 C4F8 CF2H2 CH2F2 "C.sub.4 F.sub.6" "C. sub.5 F.sub.8" "C.sub.4 F.sub.8" "CF.sub.2 H.sub.2" "CH.sub.2 F.sub. 2") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/01 15:25 |
| S48 | 35 | (S44 or S45 or S46 or S47) and @pd>="20050901" and (@ad<="20020213" or @rlad<="20020213") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/01 15:29 |
| S49 | 838 | (quartz plate) same etch\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/05/01 15:48 |
| S50 | 69 | ((quartz or SiO or (silicon oxide)) plate) same (plasma etch\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/05/01 15:49 |
| S51 | 58 | (S50) and (@ad<="20020213" or @rlad<="20020213") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/01 15:49 |